

Goat
AZ

- 0963416-070301

--This invention provides an isolated nucleic acid comprising consecutive nucleotides encoding a vertebrate pheromone receptor protein, wherein the nucleic acid encodes a protein selected from the group consisting of:

- i) VN1 protein comprising consecutive amino acids having a sequence identical to the sequence set forth in SEQ ID NO: 8,

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- ii) VN2 protein comprising consecutive amino acids having a sequence identical to the sequence set forth in SEQ ID NO: 9,
- iii) VN3 protein comprising consecutive amino acids having a sequence identical to the sequence set forth in SEQ ID NO: 10,
- iv) VN4 protein comprising consecutive amino acids having a sequence identical to the sequence set forth in SEQ ID NO: 11,
- v) VN5 protein comprising consecutive amino acids having a sequence identical to the sequence set forth in SEQ ID NO: 12,
- vi) VN6 protein comprising consecutive amino acids having a sequence identical to the sequence set forth in SEQ ID NO: 13,
- vii) VN7 protein comprising consecutive amino acids having a sequence identical to the sequence set forth in SEQ ID NO: 14, and
- viii) a protein that shares between 47% and 87% amino acid sequence identity with any one of the proteins of i)-vii).---
- 09898476-070304

On page 29, line 28, please add the following the following paragraph:

A3

--A method of preparing a composition which comprises identifying a compound using any of the methods described herein, recovering the compound free of any pheromone receptor, and admixing the compound with a pharmaceutically acceptable carrier.--

On pages 63-89, please delete the SEQUENCE LISTING and replace it with the SEQUENCE LISTING attached hereto as **EXHIBIT 1**.